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RAW SEQUENCE LISTING

DATE: 11/27/2002

PATENT APPLICATION: US/10/054,429A

TIME: 14:50:38

Input Set : A:\47508-580 (HYZ-027CIP).txt

Output Set: N:\CRF4\11272002\J054429A.raw

3 <110> APPLICANT: Kandimalla, Ekambar R.
 4 Agrawal, Sudhir
 6 <120> TITLE OF INVENTION: Cooperative Oligonucleotides
 8 <130> FILE REFERENCE: 47508-580 (HYZ-027CIP)
 10 <140> CURRENT APPLICATION NUMBER: US 10/054,429A
 C--> 11 <141> **CURRENT FILING DATE: 2002-11-04**
 13 <150> PRIOR APPLICATION NUMBER: US 08/420,672
 14 <151> PRIOR FILING DATE: 1995-04-12
 16 <160> NUMBER OF SEQ ID NOS: 30
 18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
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 22 <212> TYPE: DNA
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 26 <223> OTHER INFORMATION: cooperative oligonucleotide
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 33 <212> TYPE: DNA
 34 <213> ORGANISM: Artificial Sequence
 36 <220> FEATURE:
 37 <223> OTHER INFORMATION: cooperative oligonucleotide
 39 <400> SEQUENCE: 2
 40 atctctctcc tt
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 44 <212> TYPE: DNA
 45 <213> ORGANISM: Artificial Sequence
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 55 <212> TYPE: DNA
 56 <213> ORGANISM: Artificial Sequence
 58 <220> FEATURE:
 59 <223> OTHER INFORMATION: cooperative oligonucleotide
 61 <400> SEQUENCE: 4
 62 ctctctcctt ct
 64 <210> SEQ ID NO: 5

ENTERED

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Input Set : A:\47508-580 (HYZ-027CIP).txt

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70 <223> OTHER INFORMATION: cooperative oligonucleotide
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84 ctcgcacccg tctctctcct tc 22
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 23
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89 <213> ORGANISM: Artificial Sequence
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92 <223> OTHER INFORMATION: cooperative oligonucleotide
94 <400> SEQUENCE: 7
95 ctcgcacccg cctctctcct tct 23
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 13
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102 <220> FEATURE:
103 <223> OTHER INFORMATION: cooperative oligonucleotide
105 <400> SEQUENCE: 8
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Input Set : A:\47508-580 (HYZ-027CIP).txt

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202 <223> OTHER INFORMATION: cooperative oligonucleotide
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237 <400> SEQUENCE: 20
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243 <213> ORGANISM: HIV-1
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248 <400> SEQUENCE: 21
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254 <213> ORGANISM: HIV-1
256 <220> FEATURE:
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260 agaaggagag agaugggugc gagagcguca guauuaagc 39
262 <210> SEQ ID NO: 23
263 <211> LENGTH: 21
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence

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Input Set : A:\47508-580 (HYZ-027CIP).txt

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271 ctctcaccca tctctctcct t 21
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286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: cooperative oligonucleotide
292 <400> SEQUENCE: 25
293 ctcgcaccc 9
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296 <211> LENGTH: 12
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303 <400> SEQUENCE: 26
304 atctctctcc tt 12
306 <210> SEQ ID NO: 27
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315 tctctctcct tc 12
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VERIFICATION SUMMARY

DATE: 11/27/2002

PATENT APPLICATION: US/10/054,429A

TIME: 14:50:39

Input Set : A:\47508-580 (HYZ-027CIP).txt

Output Set: N:\CRF4\11272002\J054429A.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date